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December 3, 2003

EXPRESS MAIL

File 9381-1

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Patent Application based on Provisional Appln.  
Serial No. 60/430,956 filed December 4, 2002  
Applicants: Eric B. Grann, et al entitled  
BI-DIRECTIONAL ELECTRICAL TO OPTICAL  
CONVERTER MODULE WITH MEANS FOR  
CONTROLLING AND SWITCHING DATA SIGNALS

Sir:

Pursuant to 37 C.F.R. § 1.10, the undersigned hereby certifies that the following is being deposited as "Express Mail" with the United States Postal Service on Wednesday, December 3, 2003, as addressed above, and requests that the above-entitled patent application be accorded a filing date of December 3, 2003. The "Express Mail" mailing number is EL 828486289 US. The items transmitted herewith include:

1. Patent specification with 4 claims;
2. Unexecuted Declaration for Utility or Design Patent Application;
3. Five sheets of drawings; and
4. Small entity filing fee of \$385.00.

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Commissioner for Patents

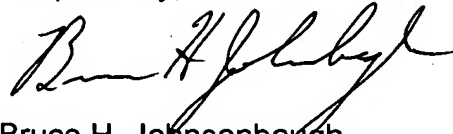
December 3, 2003

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The undersigned represents that the applicants and the employer of the applicants are small entities and qualify for small entity fees. If additional fees are required, please charge our deposit account No. 05-0420.

The applicants are those listed on the enclosed declaration, which declaration is in the process of being executed by Eric B. Grann, Curtis A. Ray, Todd Whitaker, Michael J. Laha and Brian Peters.

Respectfully,

A handwritten signature in black ink, appearing to read "Bruce H. Johnsonbaugh", written in a cursive style.

Bruce H. Johnsonbaugh

BHJ:je  
encs.  
9381.002